

### Abstract

Systems and methods for transporting intravascular devices through a body lumen are disclosed. A filter system in accordance with an exemplary embodiment of the present invention may include a guide tip having a guidewire lumen adapted to receive a  
5 guidewire, an elongated wire operatively coupled to an embolic protection filter, and a filter delivery device including an elongated tubular member extending distally to a distal sheath, the elongated tubular member may include a first lumen adapted to receive the elongated wire, and a second lumen adapted to receive the guidewire.